

TUGAS 5
ADMINISTRASI BASIS DATA
TABLESPACE



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Small File

```
SQL> CREATE SMALLFILE TABLESPACE MKADMINISTRASIBASDAT
2 DATAFILE
3 'C:\app\raiha\oradata\ORCL\adminbasdat1.dbf' SIZE 100M,
4 'C:\app\raiha\oradata\ORCL\adminbasdat2.dbf' SIZE 100M
5 LOGGING
6 EXTENT MANAGEMENT LOCAL AUTOALLOCATE
7 SEGMENT SPACE MANAGEMENT AUTO;
```

Tablespace created.

Hasil generate tablespace

```
SQL> SELECT * FROM DBA_TABLESPACES;
```

TABLESPACE_NAME	BLOCK_SIZE	INITIAL_EXTENT	NEXT_EXTENT	MIN_EXTENTS	MAX_EXTENTS	MAX_SIZE	PCT_INCREASE	MIN_EXTLEN						
STATUS	CONTENTS	LOGGING	FOR EXTENT_MAN	ALLOCATIO	PLU	SEGMENT	DEF_TAB_	RETENTION	BIG	PREDICA	ENC			
COMPRESS_FOR	DEF_INME	DEF_INME	DEF_INMEMORY_DI	DEF_INMEMORY_COMP	DEF_INMEMORY_	SHARED	DEF_INDE							
INDEX_COMPRES	DEF_CELLMEMORY	DEF_INMEMORY												
DEF_INMEMORY_SERVICE_NAME														
SYSTEM	PERMANENT	LOGGING	YES	LOCAL	SYSTEM	NO	MANUAL	DISABLED	NOT APPLY	NO	HOST	NO	DISABLED	65536
OFF	N	DISABLED												
SYSAUX	PERMANENT	LOGGING	YES	LOCAL	SYSTEM	NO	AUTO	DISABLED	NOT APPLY	NO	HOST	NO	DISABLED	65536
OFF	N	DISABLED												
UNDOTBS1	UNDO	LOGGING	NO	LOCAL	SYSTEM	NO	MANUAL	DISABLED	NO GUARANTEE	NO	HOST	NO	DISABLED	65536
OFF	N	DISABLED												
TEMP	TEMPORARY	NO LOGGING	NO	LOCAL	UNIFORM	NO	MANUAL	DISABLED	NOT APPLY	NO	HOST	NO	DISABLED	1048576
OFF	N	DISABLED												
USERS	PERMANENT	LOGGING	NO	LOCAL	SYSTEM	NO	AUTO	DISABLED	NOT APPLY	NO	HOST	NO	DISABLED	65536
OFF	N	DISABLED												
MKADMINISTRASIBASDAT	PERMANENT	LOGGING	NO	LOCAL	SYSTEM	NO	AUTO	DISABLED	NOT APPLY	NO	HOST	NO	DISABLED	65536
OFF	N	DISABLED												

6 rows selected.

Big File

```
SQL> CREATE BIGFILE TABLESPACE MKADMINISTRASIBASDAT2
2 DATAFILE
3 'C:\app\raiha\oradata\ORCL\big_adminbasdat1.dbf' SIZE 1G
4 LOGGING
5 EXTENT MANAGEMENT LOCAL AUTOALLOCATE
6 SEGMENT SPACE MANAGEMENT AUTO;
```

Tablespace created.

Hasil generate tablespace

```
SQL> SELECT * FROM DBA_TABLESPACES;
```

TABSPACE_NAME	BLOCK_SIZE	INITIAL_EXTENT	NEXT_EXTENT	MIN_EXTENTS	MAX_EXTENTS	MAX_SIZE	PCT_INCREASE	MIN_EXTLEN	
STATUS	CONTENTS	LOGGING	FOR EXTENT_MAN	ALLOCATIO PLU	SEGMENT DEF_TAB_	RETENTION	BIG PREDICA	ENC	
COMPRESS_FOR	DEF_INME	DEF_INME	DEF_INMEMORY_DI	DEF_INMEMORY_COMP	DEF_INMEMORY_SHARED			DEF_INDE	
INDEX_COMPRES	DEF_CELLMEMORY	DEF_INMEMORY							
DEF_INMEMORY_SERVICE_NAME									
LOST_WR C									
SYSTEM	PERMANENT	8192 LOGGING DISABLED	YES LOCAL	65536	SYSTEM	NO	MANUAL	1 2147483645 2147483645 DISABLED NOT APPLY NO HOST SHARED	65536 NO DISABLED
OFF	N								
SYSAUX	PERMANENT	8192 LOGGING DISABLED	YES LOCAL	65536	SYSTEM	NO	AUTO	1 2147483645 2147483645 DISABLED NOT APPLY NO HOST SHARED	65536 NO DISABLED
OFF	N								
UNDOTBS1	UNDO	8192 LOGGING DISABLED	NO LOCAL	65536	SYSTEM	NO	MANUAL	1 2147483645 2147483645 DISABLED NOGUARANTEE NO HOST SHARED	65536 NO DISABLED
OFF	N								
TEMP	TEMPORARY	8192 NOLOGGING DISABLED	NO LOCAL	1048576	UNIFORM	NO	MANUAL	1 2147483645 DISABLED NOT APPLY NO HOST SHARED	0 1048576 NO DISABLED
OFF	N								
USERS	PERMANENT	8192 LOGGING DISABLED	NO LOCAL	65536	SYSTEM	NO	AUTO	1 2147483645 2147483645 DISABLED NOT APPLY NO HOST SHARED	65536 NO DISABLED
OFF	N								
MKADMINISTRASIBASDAT	PERMANENT	8192 LOGGING DISABLED	NO LOCAL	65536	SYSTEM	NO	AUTO	1 2147483645 2147483645 DISABLED NOT APPLY NO HOST SHARED	65536 NO DISABLED
OFF	N								
MKADMINISTRASIBASDAT2	PERMANENT	8192 LOGGING DISABLED	NO LOCAL	65536	SYSTEM	NO	AUTO	1 2147483645 2147483645 DISABLED NOT APPLY YES HOST SHARED	65536 NO DISABLED
OFF	N								

7 rows selected.

TEMPORARY TABLESPACE

Small File

```
SQL> CREATE SMALLFILE TEMPORARY TABLESPACE temp_basdat
2 TEMPFILE
3 'C:\app\raiha\oradata\ORCL\temp_smallbasdat.dbf' SIZE 100M
4 EXTENT MANAGEMENT LOCAL UNIFORM SIZE 1M;

Tablespace created.
```

Hasil generate tablespace

```
SQL> SELECT * FROM DBA_TABLESPACES;
```

TABSPACE_NAME	BLOCK_SIZE	INITIAL_EXTENT	NEXT_EXTENT	MIN_EXTENTS	MAX_EXTENTS	MAX_SIZE	PCT_INCREASE	MIN_EXTLEN
STATUS	CONTENTS	LOGGING	FOR EXTENT_MAN	ALLOCATIO PLU	SEGMENT DEF_TAB_	RETENTION	BIG PREDICA	ENC
COMPRESS_FOR	DEF_INME	DEF_INME	DEF_INMEMORY_DI	DEF_INMEMORY_COMP	DEF_INMEMORY_	SHARED	DEF_INDE	
INDEX_COMPRES	DEF_CELLMEMORY	DEF_INMEMORY						
DEF_INMEMORY_SERVICE_NAME								
LOST_WR C								
SYSTEM		8192	65536		1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	YES LOCAL	SYSTEM	NO	MANUAL	DISABLED NOT APPLY SHARED	NO HOST DISABLED
OFF	N							
SYSAUX		8192	65536		1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	YES LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY SHARED	NO HOST DISABLED
OFF	N							
UNDOTBS1		8192	65536		1	2147483645	2147483645	65536
ONLINE	UNDO	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	MANUAL	DISABLED NOGUARANTEE SHARED	NO HOST DISABLED
OFF	N							
TEMP		8192	1048576	1048576	1	2147483645		0 1048576
ONLINE	TEMPORARY	NOLOGGING DISABLED	NO LOCAL	UNIFORM	NO	MANUAL	DISABLED NOT APPLY SHARED	NO HOST DISABLED
OFF	N							
USERS		8192	65536		1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY SHARED	NO HOST DISABLED
OFF	N							
MKADMINISTRASIBASDAT		8192	65536		1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY SHARED	NO HOST DISABLED
OFF	N							
MKADMINISTRASIBASDAT2		8192	65536		1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY SHARED	YES HOST DISABLED
OFF	N							
TEMP_BASDAT		8192	1048576	1048576	1	2147483645		0 1048576
ONLINE	TEMPORARY	NOLOGGING DISABLED	NO LOCAL	UNIFORM	NO	MANUAL	DISABLED NOT APPLY SHARED	NO HOST DISABLED
OFF	N							

8 rows selected.

Big File

```
SQL> CREATE BIGFILE TEMPORARY TABLESPACE temp2_basdat
2     TEMPFIL
3     'C:\app\raiha\oradata\ORCL\temp_bigbasdat.dbf' SIZE 100M
4     EXTENT MANAGEMENT LOCAL UNIFORM SIZE 1M;

Tablespace created.
```

Hasil generate tablespace

```
SQL> SELECT * FROM DBA_TABLESPACES;
```

TABSPACE_NAME	BLOCK_SIZE	INITIAL_EXTENT	NEXT_EXTENT	MIN_EXTENTS	MAX_EXTENTS	MAX_SIZE	PCT_INCREASE	MIN_EXTLEN
SYSTEM	8192	65536			1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	YES LOCAL	SYSTEM	NO	MANUAL	DISABLED NOT APPLY	NO HOST SHARED NO DISABLED
OFF	N							
SYSAUX	8192	65536			1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	YES LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY	NO HOST SHARED NO DISABLED
OFF	N							
UNDOTBS1	8192	65536			1	2147483645	2147483645	65536
ONLINE	UNDO	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	MANUAL	DISABLED NOGUARANTEE	NO HOST SHARED NO DISABLED
OFF	N							
TEMP	8192	1048576	1048576		1	2147483645		0 1048576
ONLINE	TEMPORARY	NOLOGGING DISABLED	NO LOCAL	UNIFORM	NO	MANUAL	DISABLED NOT APPLY	NO HOST SHARED NO DISABLED
OFF	N							
USERS	8192	65536			1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY	NO HOST SHARED NO DISABLED
OFF	N							
MKADMINISTRASIBASDAT	8192	65536			1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY	NO HOST SHARED NO DISABLED
OFF	N							
MKADMINISTRASIBASDAT2	8192	65536			1	2147483645	2147483645	65536
ONLINE	PERMANENT	LOGGING DISABLED	NO LOCAL	SYSTEM	NO	AUTO	DISABLED NOT APPLY	YES HOST SHARED NO DISABLED
OFF	N							
TEMP_BASDAT	8192	1048576	1048576		1	2147483645		0 1048576
ONLINE	TEMPORARY	NOLOGGING DISABLED	NO LOCAL	UNIFORM	NO	MANUAL	DISABLED NOT APPLY	NO HOST SHARED NO DISABLED
OFF	N							
TEMP2_BASDAT	8192	1048576	1048576		1	2147483645		0 1048576
ONLINE	TEMPORARY	NOLOGGING DISABLED	NO LOCAL	UNIFORM	NO	MANUAL	DISABLED NOT APPLY	YES HOST SHARED NO DISABLED
OFF	N							

9 rows selected.

UNDO TABLESPACE

```
SQL> CREATE SMALLFILE UNDO TABLESPACE tablesp_undo
2 DATAFILE
3 'C:\app\raiha\oradata\ORCL\undo_tblsp.dbf' SIZE 100M
4 AUTOEXTEND ON NEXT 500M
5 MAXSIZE UNLIMITED
6 RETENTION NOGUARANTEE;
```

Tablespace created.

Hasil generate tablespace

```
SQL> SELECT * FROM DBA_TABLESPACES;
```

TABLESPACE_NAME		BLOCK_SIZE	INITIAL_EXTENT	NEXT_EXTENT	MIN_EXTENTS	MAX_EXTENTS	MAX_SIZE	PCT_INCREASE	MIN_EXTLEN	
STATUS	CONTENTS	LOGGING	FOR EXTENT_MAN	ALLOCATIO	PLU	SEGMENT	DEF_TAB_	RETENTION	BIG PREDICA	ENC
COMPRESS_FOR		DEF_INME	DEF_INME	DEF_INMEMORY_DI	DEF_INMEMORY_COMP	DEF_INMEMORY_	SHARED		DEF_INDE	
INDEX_COMPRES		DEF_CELLMEMORY	DEF_INMEMORY							
DEF_INMEMORY_SERVICE_NAME										
LOST_WR C										
SYSTEM	PERMANENT	8192 LOGGING DISABLED	65536 YES LOCAL	SYSTEM	NO	MANUAL	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
SYSAUX	PERMANENT	8192 LOGGING DISABLED	65536 YES LOCAL	SYSTEM	NO	AUTO	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
UNDOTBS1	UNDO	8192 LOGGING DISABLED	65536 NO LOCAL	SYSTEM	NO	MANUAL	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
TEMP	TEMPORARY	8192 NOLOGGING DISABLED	1048576 NO LOCAL	1048576 UNIFORM	NO	MANUAL	1	2147483645	2147483645	0 NO HOST DISABLED
OFF	N									
USERS	PERMANENT	8192 LOGGING DISABLED	65536 NO LOCAL	SYSTEM	NO	AUTO	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
MKADMINISTRASIBASDAT	PERMANENT	8192 LOGGING DISABLED	65536 NO LOCAL	SYSTEM	NO	AUTO	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
MKADMINISTRASIBASDAT2	PERMANENT	8192 LOGGING DISABLED	65536 NO LOCAL	SYSTEM	NO	AUTO	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
TEMP_BASDAT	TEMPORARY	8192 NOLOGGING DISABLED	1048576 NO LOCAL	1048576 UNIFORM	NO	MANUAL	1	2147483645	2147483645	0 NO HOST DISABLED
OFF	N									
TEMP2_BASDAT	TEMPORARY	8192 NOLOGGING DISABLED	1048576 NO LOCAL	1048576 UNIFORM	NO	MANUAL	1	2147483645	2147483645	0 YES HOST DISABLED
OFF	N									
TABLESP_UNDO	UNDO	8192 LOGGING DISABLED	65536 NO LOCAL	SYSTEM	NO	MANUAL	1	2147483645	2147483645	65536 NO HOST DISABLED
OFF	N									
10 rows selected.										